

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently amended) A method for querying a computerized database, comprising:
distributing a desired range of data values to be obtained from the database across a plurality of different query statements, the desired range accessible using a single login account of a computer network associated with the database; simultaneously executing the plurality of query statements to access said database and transfer associated data subsets into a memory space by logging into the computer network under a different login account for each query statement, wherein an auto-brake function is initiated that defines a maximum input/output elapsed time interval that a server associated with the computer network can continuously service each of the query statements in turn, wherein at the conclusion of a selected time interval ongoing data transfer for a selected one of the query statements is interrupted, the associated data subset transferred to that point is retained, and the server switches to execution of a remaining one of the query statements; and arranging the associated data subsets to form the desired range of data values.

2. (Original) The method of claim 1, wherein the computerized database comprises a distributed database portions of which are stored in different locations linked by a computer network.

3. (Original) The method of claim 1, further comprising exporting the desired range of data values obtained from the arranging step to a second memory space.

4. (Original) The method of claim 1, further comprising using an analysis routine to analyze the desired range of data values.

5. (Original) The method of claim 1, wherein at least one query statement retrieves data values from the database for a selected data field type, and wherein at least one other query statement retrieves data values from the data base for the selected data field type.

6. (Original) The method of claim 1, wherein the desired range of data values comprises manufacturing data associated with manufacture of a population of products.

7. (Original) The method of claim 6, wherein the products comprise data storage devices.

Claim 8 (Cancelled).

9. (Currently amended) The method of claim 1, wherein the simultaneously executing step further comprises a resumption of the execution of the selected one of the query statements to transfer a remaining portion of the associated data subset.
simultaneously executing step further comprises initiating an auto-brake function that limits input/output transfer elapsed time by a server associated with the computer network and the database to a maximum value during execution of a selected one of the plurality of query statements.

10. (Original) The method of claim 1, wherein the distributing, simultaneously executing and arranging steps are carried out on a repetitive, daily basis to obtain data relating to an ongoing manufacturing process.

11. (Currently amended) A computer system, comprising:
a database stored in a first memory space and accessible by a computer; and
a query engine stored in a second memory space which, upon execution, distributes a desired range of data values to be obtained from the database across a plurality of different query statements, simultaneously executes the plurality of query statements to access the database and transfer associated data subsets into a third memory space, and arranges the associated data subsets to form the desired range of data values, wherein the query engine further initiates an auto-brake function that limits input/output transfer elapsed time to a maximum value during said transfers of the associated data subsets into the third memory space so that said transfers of the associated data subsets

are interrupted and the associated data subsets are retained in the third memory space when the maximum value is reached, wherein the desired range is accessible using a single login account of a computer network associated with the database, and wherein the plurality of query statements are executed by logging into the computer network under a different login account for each query statement.

12. (Original) The computer system of claim 11, wherein the computer comprises a server computer, wherein the computer system further comprises a client computer associated with the server computer over a computer network, and wherein the client computer executes the query engine.

13. (Previously presented) The computer system of claim 11, wherein the database comprises a distributed database so that the first memory space comprises a plurality of different locations linked by a computer network.

14. (Original) The computer system of claim 11, wherein the query engine subsequently exports the desired range of data values to a fourth memory space.

15. (Original) The computer system of claim 11, further comprising an analysis routine which analyzes the desired range of data values.

16. (Original) The computer system of claim 11, wherein the desired range of data values comprises manufacturing data associated with manufacture of a population of products.

17. (Original) The computer system of claim 16, wherein the products comprise data storage devices.

Claims 18-19 (Cancelled).

20. (Previously presented) The computer system of claim 11, wherein the query engine extracts the desired range of data values on a repetitive, daily basis to obtain data relating to an ongoing manufacturing process.